

Traits and Indexes

551HO05486 DARTH VADER

Reg: HO840003267664523

DOB: 01/03/2023

DMS: 561, 456 AB A2A2

Ocd Thorson Darth Vader-ET TC TE TR
Thorson x Captain x Tahiti



Sire: STGen Cowen Thorson-ET

Dam: Ocd Captain Liana 65615-ET

MGS: Genosource Captain-ET

MGD: Bgp Sif Tahiti 18709-ET

¹ Box Time (BT)

Robot box time: The total time from a cow's entry to exit in the milking box, including identification, preparation, milking, and udder treatment.

³ Statistic	Value
Mean	7.5
Std Dev	0.9
Min	2.6
Max	7.5
Units	Minutes/Visit

¹ Milking Speed (MS)

The total pounds of milk produced per minute. Indicates how efficiently a cow milks out and is calculated as the total milk yield divided by total milking time, based on direct Robotic Milking data.

³ Statistic	Value
Mean	6.8
Std Dev	1.3
Min	0.6
Max	13.3
Units	lb milk/minute

¹ Robotic Cow Index (RCI)

A genetic index combining key traits for robotic milking—udder composition, teat positioning, milking speed, and box time.

³ Statistic	Value
Mean	5.0
Std Dev	1.0
Min	0.0
Max	10.0
Units	Rank

¹ Data shown as breeding value, meaning daughters are expected to inherit half of the sire's value.

² Data shown as PTA (Predicted Transmitting Ability) — this represents the portion of the sire's genetic value expected to be passed on to his daughters.

³ Values may change slightly overtime.

² Eco\$

An economic index that maximizes production and functionality, with special emphasis on feed conversion efficiency—promoting profitable genetics from cows with a reduced carbon footprint.

³ Statistic	Value
Mean	520
Std Dev	238
Min	-651
Max	1454
Units	USD

¹ EcoFeed® Cow

Feed conversion efficiency measured during the lactating stage. Each unit represents 0.1 lb less dry matter intake per day.

³ Statistic	Value
Mean	100
Std Dev	10
Min	59
Max	141
Units	Rank

¹ EcoFeed® Heifer

Feed conversion efficiency measured during the growing stage in heifers. Each unit represents 0.1lb less dry matter intake per day.

³ Statistic	Value
Mean	100
Std Dev	5
Min	77
Max	122
Units	Rank

¹ EcoFeed® Life

A ranking index of feed conversion efficiency across the animal lifetime

³ Statistic	Value
Mean	100.0
Std Dev	10.0
Min	47.1
Max	146.7
Units	Rank

² Eco2

Lifetime methane savings of an animal, expressed as tons of CO2e (carbon dioxide equivalent) reduced compared to the industry average for a dairy female.

³ Statistic	Value
Mean	1.67
Std Dev	0.47
Min	-1.40
Max	3.59
Units	Tons of CO2e/lifetime



Ocd Thorson Darth Vader-ET